

**Anti-UCHL3 Antibody (C-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17573****Specification**

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**Anti-UCHL3 Antibody (C-Terminus) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">P15374</a>
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Bovine, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26183

**Anti-UCHL3 Antibody (C-Terminus) - Additional Information****Gene ID 7347**

Alias Symbol	UCHL3
<b>Other Names</b>	
UCHL3, Ubiquitin thiolesterase, Ubiquitin thioesterase L3, UCH-L3	

**Target/Specificity**

Human UCHL3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-UCHL3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-UCHL3 Antibody (C-Terminus) - Protein Information****Name UCHL3****Function**

Deubiquitinating enzyme (DUB) that controls levels of cellular ubiquitin through processing of ubiquitin precursors and ubiquitinated proteins. Thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of either ubiquitin or NEDD8. Has a 10-fold preference for Arg and Lys at position P3", and exhibits a preference towards 'Lys-48'-linked ubiquitin chains. Deubiquitinates ENAC in apical compartments, thereby regulating apical membrane recycling. Indirectly increases the phosphorylation of IGFIR, AKT and FOXO1 and promotes insulin-signaling and insulin-induced adipogenesis. Required for stress-response retinal, skeletal muscle and germ cell maintenance. May be involved in working memory. Can hydrolyze UBB(+1), a mutated form of ubiquitin which is not effectively degraded by the proteasome and is associated with neurodegenerative disorders.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Highly expressed in heart, skeletal muscle, and testis.

**Anti-UCHL3 Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-UCHL3 Antibody (C-Terminus) - Images**